

Docket No. 740756-875
Application No. 08/065,757
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AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph from lines 4-15 on page 3 with the following amended paragraph:

The general formula (i) above embraces several sub-species of superconducting ceramic materials. One of these can be represented by the general formula

0.5[(A_{1-x}B_x)_yCu₂O_w·(A_{1-x}B'_x)_yCu₂O_{w'}] (ii)

in which 0.1 ≤ x < 1

0.1 ≤ x' < 1

y = 2.0-4.0, preferably 2.5-3.5,

y' = 2.0-4.0, preferably 2.5-3.5,

z = 1.0-4.0, preferably 1.5-3.5,

z' = 1.0-4.0, preferably 1.5-3.5,

w = 4.0-10.0, preferably 6.0-8.0,

w' = 4.0-10.0, preferably 6.0-8.0,

A is one rare earth element and

each of B and B' is one or more alkaline earth elements.